

Converting Colors

XYZ(43.4450, 33.1220, 10.6558)

Have a look what the booklet for
XYZ(43.4450, 33.1220, 10.6558)
contains.

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Color

**XYZ(43.4947, 33.1662,
10.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7D4A
RGB	237, 125, 74
RGB Percent	93%, 49%, 29%
CMY	0.0706, 0.5098, 0.7098
CMYK	0.00, 0.47, 0.69, 0.07
HSL	19°, 82%, 61%
HSV	19°, 69%, 93%
XYZ	43.4947, 33.1662, 10.5879
YIQ	152.6740, 83.1230, 7.8830

Conversions

Conversions Part 2

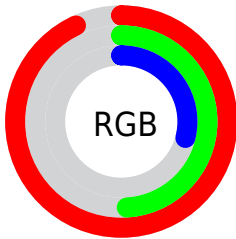
Format	Color
RYB	237, 148, 74
Decimal	15564106
CIELab	64.30, 39.20, 46.47
CIElCh	64, 60.797, 49.848
Yxy	33.1662, 0.4985, 0.3801
Android (android.graphics.Color)	4293754186 (0xFFED7D4A)
YUV	152.6740, -38.7863, 73.9539
Hunter-Lab	57.5901, 34.0287, 29.4126

Details

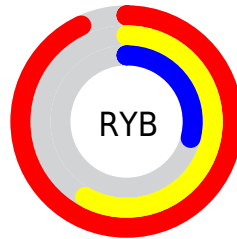
The XYZ color **43.4947, 33.1662, 10.5879** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **35.6677, 42.6854, 86.4794**, and the grayscale version is **30.2754, 31.8521, 34.6870**.

A 20% lighter version of the original color is **61.0618, 54.9809, 26.7961**, and **20.2372, 13.9492, 2.5456** is the 20% darker color. If you saturate the color by 10%, you get **40.9463, 29.1158, 6.5137**, and if you desaturate by 10%, it is **46.6832, 38.0164, 16.3590**.

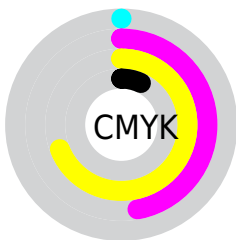
Distribution



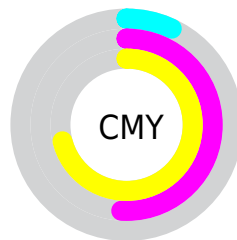
- Red (93%)
- Green (49%)
- Blue (29%)



- Red (93%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (47%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4947, 33.1662, 10.5879 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.4947, 33.1662, 10.5879 by changing the saturation by 10% instead.

43.4947, 33.1662,
10.5879

43.4947, 33.1662,
10.5879

351.5294,
316.3980, 205.4530

30.4697, 22.2538,
5.6798

79.7079, 64.6349,
27.5205

20.3452, 14.0435,
2.5857

103.6268, 85.9600,
40.3820

12.7559, 8.1509,
0.8851

131.9077,
111.5248, 56.7318

7.3365, 4.1917,
0.0000

164.9159,
141.7137, 76.9883

3.7216, 1.7814,
0.0000

203.0168,
176.9111, 101.5702

1.5459, 0.4755,
0.0000

246.5758,

0.3567, 0.0000,

217.5013, 130.8959

0.0000

295.9582,
263.8688, 165.3839

■ 0.0000, 0.0000,
0.0000

■ 43.4947, 33.1662,
10.5879

■ 43.4947, 33.1662,
10.5879

■ 40.9463, 29.1158,
6.5137

■ 46.6832, 38.0164,
16.3590

■ 38.9834, 25.8125,
3.9406

■ 50.5551, 43.7037,
23.9897

■ 37.5359, 23.2012,
2.5833


■ 55.1522, 50.2693,
33.6253


■ 37.3845, 22.9237,
2.4543

■ 60.5119, 57.7501,
45.3961

■ 66.6689, 66.1804,
59.4212

 73.6557, 75.5929,
75.8112

 81.5028, 86.0188,
94.6689

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.8733, 33.1662, 22.2473



43.4947, 33.1662, 10.5879



34.5431, 33.1662, 6.6076

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4947, 33.1662, 10.5879



17.8355, 33.1662, 28.3590



37.5071, 33.1662, 101.8941

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.4947, 33.1662, 10.5879



35.6677, 42.6854, 86.4794

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.6852, 33.1662, 106.1072



43.4947, 33.1662, 10.5879



18.3373, 33.1662, 54.7949

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.4947, 33.1662, 10.5879



20.4543, 33.1662, 13.3013



21.9790, 33.1662, 86.0502



46.0024, 33.1662, 76.2983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4947, 33.1662, 10.5879



28.7665, 33.1662, 6.5935



21.9790, 33.1662, 86.0502



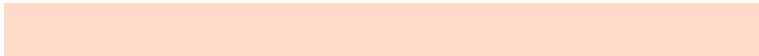
34.4512, 33.1662, 106.1969

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.4955, 33.1680, 10.5885



76.9608, 75.7485, 66.1009



46.4616, 26.5374, 50.3069



16.0340, 15.6138, 13.1447



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4955, 33.1680, 10.5885



47.2132, 32.4985, 6.1037



57.8489, 61.8749, 15.3730



15.4500, 15.8231, 15.7586



20.5139, 12.7220, 1.3744



1.6940, 1.1653, 0.1356

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.6677, 42.6854, 86.4794



37.2091, 44.0374, 101.1467



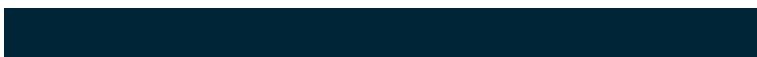
23.3264, 18.0027, 82.3656



15.0970, 16.2805, 19.2690



15.6029, 17.8528, 46.3665



1.3105, 1.5724, 3.6693

Previews

White Background



This preview shows how the XYZ color 43.4947, 33.1662, 10.5879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.4947, 33.1662, 10.5879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4947, 33.1662, 10.5879

Background



This preview shows how black text looks on a background with the XYZ color 43.4947, 33.1662, 10.5879.



This preview shows how white text looks on a background with the XYZ color 43.4947, 33.1662,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.4947, 33.1662, 10.5879

Protanopia

30.5020, 33.1877, 13.1857

Deuteranopia

34.0390, 33.3816, 10.1181



Tritanopia

46.3628, 33.2512, 24.0532

Trichromacy



Original Color

43.4947, 33.1662, 10.5879

Protanomaly

34.3383, 32.5657, 12.0654

Deuteranomaly

37.0619, 32.9000, 10.1913

Tritanomaly

45.1407, 33.1082, 18.1987

Monochromacy



Original Color

43.4947, 33.1662, 10.5879

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.2277, 31.2905, 23.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4947, 33.1662, 10.5879 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 125, 74)` looks like.

```
.text, #text, p{  
    color:rgb(237, 125, 74)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 125, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 125, 74) }
```

Border

The CSS property to change the border of an element to XYZ 43.4947, 33.1662, 10.5879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 125, 74) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(237, 125, 74) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(237, 125, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 125, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 125, 74);  
box-shadow:4px 4px 4px 4px rgb(237, 125,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4947, 33.1662, 10.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 125, 74) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
125, 74) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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